

## Historical Floods: Potomac River at Little Falls

Latitude: 38.949

Period of Record: 1932-Present

Longitude: -77.128

Flood Stage: 10 ft

Last Flood: 5/19/2011

Number of Floods: 90

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
5/14/1932	15.25	16,800	Major	none
4/19/1933	10.15	86,700	Minor	none
4/22/1933	12.80	127,000	Moderate	none
8/25/1933	10.57	92,700	Minor	none
12/2/1934	13.50	139,000	Moderate	none
2/17/1936	10.37	45,000	Minor	none
2/27/1936	14.69	132,000	Major	none
3/13/1936	11.16	106,000	Minor	none
3/19/1936	28.10	484,000	Major	none
1/24/1937	10.50	94,400	Minor	none
2/23/1937	10.58	96,000	Minor	none
4/28/1937	23.30	347,000	Major	none
8/27/1937	10.10	88,300	Minor	none
10/30/1937	15.62	181,000	Major	none
2/5/1939	12.60	129,000	Moderate	none
4/22/1940	11.29	107,000	Minor	none
5/24/1942	13.17	139,000	Moderate	none
10/17/1942	26.88	447,000	Major	none
12/31/1942	13.15	139,000	Moderate	none
9/20/1945	13.88	138,000	Moderate	none
2/16/1948	10.69	75,000	Minor	none

4/16/1948	10.69	97,300	Minor	none
6/20/1949	13.00	135,000	Moderate	none
7/19/1949	10.26	91,300	Minor	none
2/3/1950	10.01	77,200	Minor	none
12/6/1950	13.85	140,000	Moderate	none
12/9/1950	12.48	117,000	Moderate	none
6/15/1951	12.09	110,000	Moderate	none
3/13/1952	11.95	108,000	Minor	none
4/29/1952	14.17	148,000	Major	none
11/23/1952	13.76	140,000	Moderate	none
3/26/1953	11.44	99,100	Minor	none
3/3/1954	12.47	116,000	Moderate	none
10/17/1954	13.30	131,000	Moderate	none
3/23/1955	11.47	99,500	Minor	none
8/20/1955	17.60	216,000	Major	none
4/9/1956	10.46	68,600	Minor	none
7/21/1956	10.75	72,500	Minor	none
2/12/1957	11.10	74,300	Minor	none
4/7/1957	11.40	78,600	Minor	none
3/1/1958	10.18	49,000	Minor	none
3/29/1958	11.19	67,200	Minor	none

Drainage Area: 11560 sq mi

Gage Datum: 37.95 ft MSL

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Montgomery County

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5/7/1958	12.02	82,100	Moderate	none
4/1/1960	12.29	102,000	Moderate	none
4/6/1960	13.35	119,000	Moderate	none
5/10/1960	13.66	124,000	Moderate	none
2/21/1961	13.15	116,000	Moderate	none
2/27/1961	12.23	101,000	Moderate	none
4/14/1961	11.71	92,600	Minor	none
4/18/1961	10.37	73,200	Minor	none
3/1/1962	11.05	82,800	Minor	none
3/14/1962	11.42	88,300	Minor	none
3/23/1962	13.43	120,000	Moderate	none
3/7/1963	12.87	111,000	Moderate	none
3/15/1963	11.64	91,600	Minor	none
3/21/1963	13.91	128,000	Moderate	none
3/6/1964	11.85	94,800	Minor	none
5/1/1964	11.59	90,800	Minor	none
3/9/1967	11.48	147,000	Minor	none
6/24/1972	22.03	359,000	Major	none
12/28/1973	10.36	120,000	Minor	none
3/21/1975	12.23	166,000	Moderate	none
9/27/1975	13.39	195,000	Moderate	(A)

10/11/1976	13.18	208,000	Moderate	none
1/28/1978	10.47	145,000	Minor	none
3/16/1978	10.83	153,000	Minor	none
2/26/1979	13.12	206,000	Moderate	none
2/16/1984	13.73	222,000	Moderate	none
3/30/1984	10.74	151,000	Minor	none
11/7/1985	17.99	317,000	Major	none
3/16/1986	10.09	136,000	Minor	none
4/19/1987	11.41	167,000	Minor	none
3/6/1993	12.35	189,000	Moderate	none
3/25/1993	10.16	138,000	Minor	none
4/18/1993	10.55	147,000	Minor	none
11/29/1993	10.09	136,000	Minor	none
3/30/1994	10.37	142,000	Minor	none
1/21/1996	19.29	347,000	Major	none
9/8/1996	17.84	314,000	Major	none
1/10/1998	10.43	144,000	Minor	none
3/22/1998	10.79	152,000	Minor	none
9/21/2003	11.44	167,000	Minor	none
12/12/2003	10.87	154,000	Minor	none
3/30/2005	10.28	140,000	Minor	none

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Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
5/12/2008	10.10	-9,999	Minor	none
1/27/2010	10.98	157,000	Minor	none
3/15/2010	12.90	201,000	Moderate	none
3/12/2011	10.88	154,000	Minor	none
4/18/2011	11.70	174,000	Minor	none
5/19/2011	11.40	166,000	Minor	none

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Date of Flood

Crest (ft)

Streamflow (cfs)

Category

Code

-9999 signifies missing data

### MARFC Codes

Code	Description
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(!!!)	Datum changed during this year.
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(1)	Backwater Effect.
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(2)	15.77 ft also occurred on 11/25/1950 but only counted as one flood.
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(3)	Estimated from current USGS rating table.
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(4)	Estimated height from the USGS.
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(5)	Gage height at a different site and/or datum
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(6)	Discharge affected by Regulation or Diversion
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(7)	Due to changes, prior floods were based on present flood stage. Therefore, flood data could possibly be incomplete.
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(8)	Gage is a staff gage and not the official USGS gage. Therefore, some floods may be missing from our study.
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(9)	Discharge effected by snow-melt, ice jam or debris jam break up
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(A)	Discharge affected to unknown degree by regulation or diversion.
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(B)	Month or day of occurrence is unknown or not exact.
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(C)	All or part of the record affected by urbanization, mining, agricultural changes, channelization, or other factors.
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(D)	Crest height adjusted to current datum.
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(E)	Estimated discharge.
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(F)	Only annual maximum peak available for this year.
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(O)	This flood occurred at a previous flood stage that is lower than the current flood stage. This is only a historical flood.
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**	Crest information looks reasonable despite potential problems. This data was used in our study.
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***	Crest information looks unreliable and incomplete and was not used in our flood frequency study.
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****	Gauge was discontinued in 2004. 2004 and later was not used in our study.
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none	No code
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